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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/900,224	07/06/2001	Jeffrey D. Carr	45188/FLC/B600	4002

23363 7590 09/14/2004
CHRISTIE, PARKER & HALE, LLP
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PASADENA, CA 91109-7068

EXAMINER

MOORTHY, ARAVIND K

ART UNIT PAPER NUMBER

2131

DATE MAILED: 09/14/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/900,224	Applicant(s) CARR, JEFFREY D.	
	Examiner Aravind K Moorthy	Art Unit 2131	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 September 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) 1-10 is/are withdrawn from consideration.
- 5) ☐ Claim(s) 1-10 is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) 1-10 is/are objected to.
- 8) ☐ Claim(s) 1-10 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date. _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-10 are pending in the application.
2. Claims 1-10 have been rejected.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

~~A person shall be entitled to a patent unless~~

~~(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.~~

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. **Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Gupta et al U.S. Patent No. 6,378,072 B1.**

As to claim 1, Gupta et al discloses a method for concealing parameter transferred between a first and second device, characterized by:

generating by the first device a control signal and a parameter signal [column 3, lines 24-49];

transmitting by the first device to the second device the control signal and the parameter signal [column 3, lines 24-49];

receiving by the second device from the first device the control signal and the parameter signal [column 3, lines 24-49]; and

generating by the second device a destination parameter signal using the control signal and the parameter signal [column 3, lines 24-49].

As to claim 2, Gupta et al discloses that the method is further characterized by:

generating by the first device a first key signal using the control signal [column 5, lines 21-36]; and

generating by the first device the parameter signal by transforming a source parameter signal using the first key signal [column 6, lines 39-56].

As to claim 3, Gupta et al discloses that the method is further characterized by:

generating by the second device a second key signal using the control signal [column 6, lines 39-56]; and

generating by the second device the destination parameter signal by inversely transforming the parameter signal using the second key signal [column 6, lines 39-56].

As to claim 4, Gupta et al discloses that the method is further characterized by:

generating by the first device a key index signal [column 5, lines 37-54];

generating by the first device a key variable signal [column 5, lines 37-54];

transmitting by the first device to the second the key index signal and the key variable signal [column 5, lines 37-54];

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receiving by the second device from the first device the key index signal and the key variable signal [column 6, lines 8-38];

generating by the second device an intermediate key signal using the key index signal and a key table [column 6, lines 8-38]; and

generating by the second device the second key signal using the intermediate signal and the variable signal [column 6, lines 8-38].

As to claim 5, Gupta et al discloses generating by the second device the second key signal from the intermediate key signal and the key variable signal using a hash function [column 6, lines 8-38].

As to claim 6, Gupta et al discloses that the method is further characterized by:

transforming by the first device a portion of the control signal with the source parameter signal to generate the parameter signal [column 6, lines 39-56]; and

generating by the second device from the parameter signal using the second key signal an inversely transformed control signal portion [column 6, lines 39-56]; and

comparing by the second device the inversely transformed control signal portion to a portion of the received control signal [column 7, lines 1-27].

As to claim 7, Gupta et al discloses an apparatus for processing a concealed parameter received by a device, characterized by:

a control logic block to receive a control signal and a parameter signal [column 3 line 56 to column 4 line 13];

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an interface operation logic block operably coupled the control signal block generate a destination parameter signal using the control signal and the parameter signal [column 3 line 56 to column 4 line 13].

As to claims 8 and 9, Gupta et al discloses that the apparatus is further characterized by:

a key table module including indexed transformation keys, the key table module operably coupled to the control logic block, the key table module to generate an intermediate key signal using a key index signal received from the control logic block [column 3 line 56 to column 4 line 13],

a key interface stage operably coupled to the key table module and the control logic block for generating a key signal using the intermediate key signal received from the key table module and key variable signal received from the control logic block [column 5, lines 31-54]; and

an inverse transformation module operably coupled to the key interface stage and the control logic block, the inverse transformation module to generate the destination parameter signal by inversely transforming the parameter signal using the key signal received from the key interface stage [column 6, lines 25-56].

As to claim 10, Gupta et al discloses that the apparatus is further characterized by a hash function stage operably coupled to the key interface stage [column 6, lines 25-56]. Gupta et al discloses that the hash function stage is to generate the key signal from the intermediate key signal and the key variable signal [column 6, lines 25-56].

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Conclusion

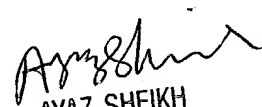
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aravind K Moorthy whose telephone number is 703-305-1373.

The examiner can normally be reached on Monday-Friday, 8:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R Sheikh can be reached on 703-305-9648. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Aravind K Moorthy
September 8, 2004


AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100